

## ABSTRACT OF THE DISCLOSURE

A server crash recovery reboot auto activation method and system is proposed, which is designed for use with a network server to allow the network server to automatically undergo a reboot procedure in the event of a system crash to the network server for automatic crash recovery of the network server without human intervention. The proposed method and system is characterized by the direct utilization of a watchdog timer in an I/O control chip already installed on the network server for the activation of an SMI (System Management Interrupt) based reboot procedure. This feature allows a cost-effective solution to the need for an auto system crash recovery capability on a network server. Moreover, since the proposed method and system relies on SMI (System Management Interrupt), and not IRQ (Interrupt ReQuest), it can notwithstanding initiate a reboot procedure even though the operating system of the network server fails.

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